REMARKS/ARGUMENTS

In the specification, at pages 1-3, the matter has been deleted and added for enabling a clear and concise language.

In the Abstract of the disclosure, lines 16-22, the matter has been deleted and added for enabling a clear and concise language.

Claim 2 has been currently amended in this application.

The examiner has rejected the claim 2 as being anticiped by Lebrun and al. for the following reason that:

Lebrun and al. shows a filter for use in a heating or air conditioning system, comprising a spring wire rod that is bent to form the shape of a duct, then compressed to install the filter to the shape of a duct.

In view of the examiner's claim rejection, applicant retains the right to present a currently amended claim for showing that the references applied against the claim in this application is different from him, because Lebrun does not disclose a filter that fits with any shape of duct inlet, and which is held in place by a spring means,
and whereas Lebrun shows a rectangular spring wire for receiving a frame containing a sheet filter, and which the spring wire is grasped by the buttons to be contracted to the form of frame receiving the sheet filter.

Applicant respectfully requests that a Notice of Allowance be issued in this case.

Respectfully submitted,

by Jean-Pierre Blais

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FILTER FOR PURIFYING AIR AND KEEPING CLEANLY THE DUCTS OF A HOT AIR SYSTEM OR CENTRAL AIR EXCHANGER.

BACKGROUND OF THE INVENTION:

1) Field of the invention:

The present invention relates to a device for purifying air and keeping cleanly the ducts of a hot air system or central air exchanger, and more particularly to a filter that fits with any shape of duct inlet ~~by the use of~~ , and which is held in place by a spring means.

2) Description of the related art:

A search of prior art records has unveiled the following United States patents:

1. US **4,804,392** issued in 1989 to Spengler;

2. US **4,552,657** issued in 1985 to Ogawa; and

3. US **4,666,531** issued in 1987 to Minard.

The patents to Spengler, Ogawa and Minard are probably the most relevant.

It is known to use different conical filters in order to purify air and

keep cleanly the ducts of a hot air system or central air exchanger.

At present, one disadvantage of using conical filters is that none of them fits with any shape of duct inlet.

The gist of the invention is therefore to provide a filter that fits with any shape of duct inlet for hot air system or central air exchanger, and which allowing to purify air and keep cleanly the ducts.

SUMMARY OF THE INVENTION:

In its simplest form, the use of the filter of this invention is that it ~~is mounted inside a duct inlet inhaling air of the indoor from the house, and which~~ fits with any shape of duct inlet ~~by the use of~~ , and which is held in place by a spring means.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S):

Figure **1** is a perspective view of a filter that ~~is mounted inside a duct inlet inhaling air of the indoor from the house, and which~~ fits with the round shape of duct inlet ~~by the use of~~ , and which is held in place by a spring means.

Figure **2** is an exploded view thereof.

Figure **3** is a perspective view of same filter that ~~is mounted inside a~~

~~duct inlet inhaling air of the indoor from the house, and which~~ fits with the square shape of duct inlet ~~by the use of~~ , and which is held in place by a spring means.

Figure **4** is an exploded view thereof.

Figure **5** is a perspective view of same filter that ~~is mounted inside a duct inlet inhaling air of the indoor from the house, and which~~ fits with the rectangular shape of duct inlet ~~by the use of~~ , and which is held in place by a spring means.

Figure **6** is an exploded view thereof.

DETAILED DESCRIPTION OF THE INVENTION:

Referring to the figures 1 to 6, it may be seen that the filter (**1**) of the present invention is used for purifying air and keeping cleanly the ducts of a hot air system or central air exchanger, ~~which is mounted inside a duct inlet inhaling air of the indoor from the house, and~~ which fits with any shape of duct inlet ~~by the use of~~ , and which is held in place by a spring means (**2**)(**3**).

CLAIM(S):

The embodiments of the invention for which an exclusive property or privilege is claimed, are defined as follows:

Claim 2 has been amended as follows:

— 2. (Currently Amended) A filter for purifying air and keeping cleanly the ducts of a hot air system or central air exchanger, ~~which is mounted inside a duct inlet inhaling air of the indoor from the house, and~~ which fits with any shape of duct inlet ~~by the use of~~ , and which is held in place by a spring means. --.

FILTER FOR PURIFYING AIR AND KEEPING CLEANLY THE DUCTS OF A HOT AIR SYSTEM OR CENTRAL AIR EXCHANGER.

ABSTRACT OF THE DISCLOSURE:

A filter for purifying air and keeping cleanly the ducts of a hot air system or central air exchanger, ~~which is mounted inside a duct inlet inhaling air of the indoor from the house, and~~ which fits with any shape of duct inlet ~~by the use of~~ , and which is held in place by a spring means.

FILTER FOR PURIFYING AIR AND KEEPING CLEANLY THE DUCTS OF A HOT AIR SYSTEM OR CENTRAL AIR EXCHANGER.

BACKGROUND OF THE INVENTION:

1) Field of the invention:

The present invention relates to a device for purifying air and keeping cleanly the ducts of a hot air system or central air exchanger, and more particularly to a filter that fits with any shape of duct inlet, and which is held in place by a spring means.

2) Description of the related art:

A search of prior art records has unveiled the following United States patents:

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It is known to use different conical filters in order to purify air and keep cleanly the ducts of a hot air system or central air exchanger.

At present, one disadvantage of using conical filters is that none of them fits with any shape of duct inlet.

The gist of the invention is therefore to provide a filter that fits with any shape of duct inlet for hot air system or central air exchanger, and which allowing to purify air and keep cleanly the ducts.

SUMMARY OF THE INVENTION:

In its simplest form, the use of the filter of this invention is that it fits with any shape of duct inlet, and which is held in place by a spring means.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S):

Figure **1** is a perspective view of a filter that fits with the round shape of duct inlet, and which is held in place by a spring means.

Figure **2** is an exploded view thereof.

Figure **3** is a perspective view of same filter that fits with the square shape of duct inlet, and which is held in place by a spring means.

Figure **4** is an exploded view thereof.

Figure **5** is a perspective view of same filter that fits with the rectangular shape of duct inlet, and which is held in place by a spring means.

Figure 6 is an exploded view thereof.

DETAILED DESCRIPTION OF THE INVENTION:

Referring to the figures 1 to 6, it may be seen that the filter (1) of the present invention is used for purifying air and keeping cleanly the ducts of a hot air system or central air exchanger, which fits with any shape of duct inlet, and which is held in place by a spring means (2)(3).

CLAIM(S):

The embodiments of the invention for which an exclusive property or privilege is claimed, are defined as follows:

Claim 2 has been amended as follows:

2. A filter for purifying air and keeping cleanly the ducts of a hot air system or central air exchanger, which fits with any shape of duct inlet, and which is held in place by a spring means.

FILTER FOR PURIFYING AIR AND KEEPING CLEANLY THE DUCTS OF A HOT AIR SYSTEM OR CENTRAL AIR EXCHANGER.

ABSTRACT OF THE DISCLOSURE:

A filter for purifying air and keeping cleanly the ducts of a hot air system or central air exchanger, which fits with any shape of duct inlet, and which is held in place by a spring means.